

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072222\
 Data File : P0088263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2022 09:47
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 15:45:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.450	3.604	50504094	17903659	19.796	18.976
2)	SA Decachlor...	10.294	8.602	41702223	21281677	19.637	20.365
Target Compounds							
3)	L1 AR-1016-1	5.621	4.693	200862	265496	2.290	7.379 #
4)	L1 AR-1016-2	5.646	4.693	168899	265496	1.346	5.196 #
5)	L1 AR-1016-3	5.698	4.926f	710693	256354	9.162	9.234
6)	L1 AR-1016-4	0.000	4.926	0	256354	N.D.	11.020 #
7)	L1 AR-1016-5	6.114	5.133	160793	200498	2.591	6.775 #
9)	L2 AR-1221-2	4.757	3.901	912957	269032	41.188	33.923
10)	L2 AR-1221-3	4.757f	0.000	912957	0	13.248	N.D. #
11)	L3 AR-1232-1	4.757f	0.000	912957	0	17.569	N.D. #
12)	L3 AR-1232-2	5.158	4.693	232465	265496	9.068	13.462 #
13)	L3 AR-1232-3	5.646	4.926f	168899	256354	3.512	25.176 #
14)	L3 AR-1232-4	0.000	4.960	0	40319	N.D.	4.151 #
15)	L3 AR-1232-5	5.906	5.133	116236	200498	5.983	18.435 #
16)	L4 AR-1242-1	5.621	4.693	200862	265496	2.942	9.126 #
17)	L4 AR-1242-2	5.646	4.693	168899	265496	1.744	6.555 #
18)	L4 AR-1242-3	5.698	4.926f	710693	256354	11.714	11.602
19)	L4 AR-1242-4	0.000	4.960	0	40319	N.D.	1.724 #
20)	L4 AR-1242-5	6.548	0.000	1144513	0	21.733	N.D. #
21)	L5 AR-1248-1	5.621	4.693	200862	265496	3.759	11.591 #
22)	L5 AR-1248-2	5.906	4.926	116236	256354	1.496	7.600 #
23)	L5 AR-1248-3	6.114	4.960	160793	40319	1.921	1.160 #
24)	L5 AR-1248-4	6.526	5.133	2011523	200498	21.886	4.789 #
25)	L5 AR-1248-5	6.548	0.000	1144513	0	12.726	N.D. #
26)	L6 AR-1254-1	6.487	0.000	1390932	0	14.670	N.D. #
27)	L6 AR-1254-2	6.740f	0.000	3018538	0	21.026	N.D. #
28)	L6 AR-1254-3	7.076	6.069	3837264	339967	26.197	4.189 #
29)	L6 AR-1254-4	7.373	0.000	1951089	0	18.028	N.D. #
30)	L6 AR-1254-5	7.783	0.000	494667	0	4.110	N.D. #
31)	L7 AR-1260-1	7.238	0.000	1329548	0	11.426	N.D. #
32)	L7 AR-1260-2	7.507	6.337	1130493	636917	8.367	9.809
33)	L7 AR-1260-3	7.863	6.492	452077	752807	4.938	12.103 #
34)	L7 AR-1260-4	8.081	0.000	219118	0	2.028	N.D. #
35)	L7 AR-1260-5	8.412	7.219	352638	202368	1.718	1.769
36)	L8 AR-1262-1	7.863	6.793	452077	128096	3.291	4.226 #
37)	L8 AR-1262-2	8.412	7.219	352638	202368	1.498	1.506
38)	L8 AR-1262-3	8.788f	7.529	709037	254310	4.278	4.663
39)	L8 AR-1262-4	8.854	7.570	80741	495620	0.967	4.899 #
40)	L8 AR-1262-5	9.512	8.060	854714	1158782	9.591	23.594 #
41)	L9 AR-1268-1	8.788f	7.529	709037	254310	2.507	1.605 #
42)	L9 AR-1268-2	8.854	7.570	80741	495620	0.311	3.446 #

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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.064	7.774	549359	983834	2.453	7.899 #
44) L9	AR-1268-4	9.512	8.060	854714	1158782	8.718	21.600 #
45) L9	AR-1268-5	9.938	8.353	1042033	705271	1.434	1.824 #

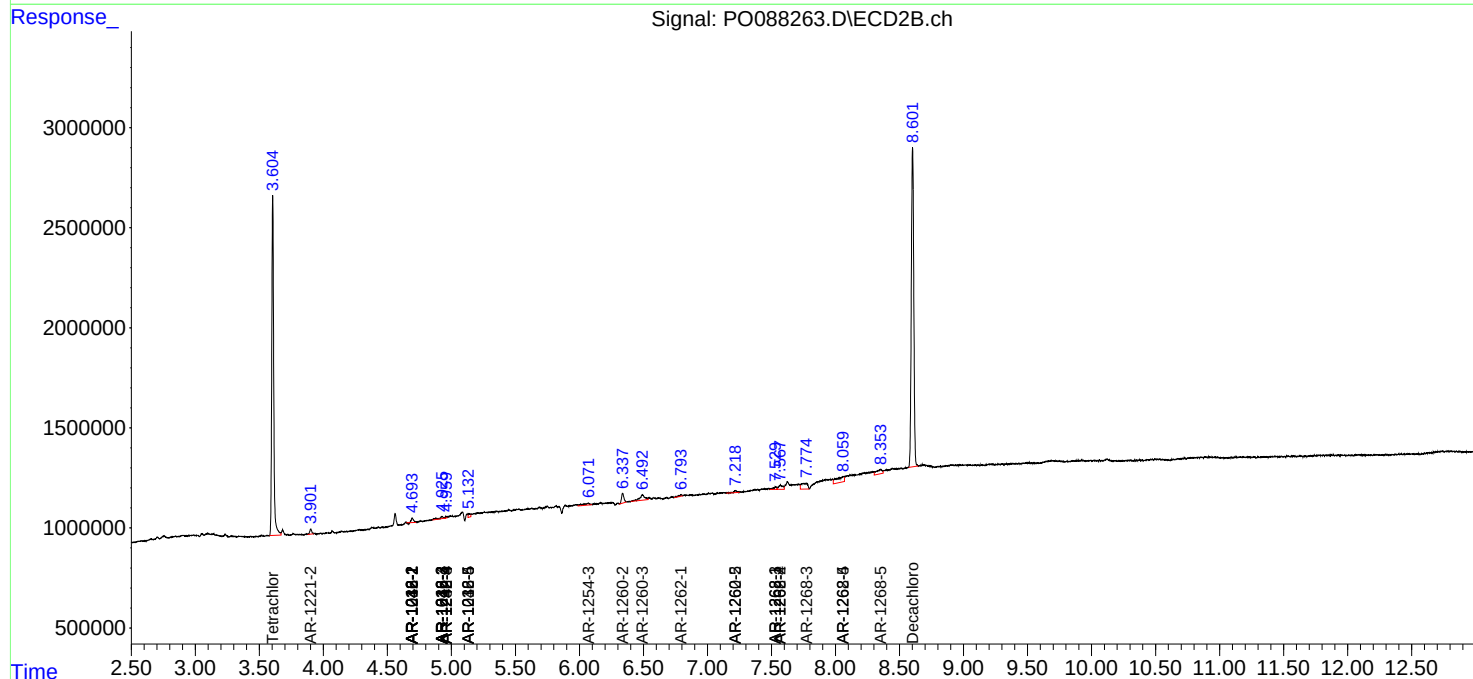
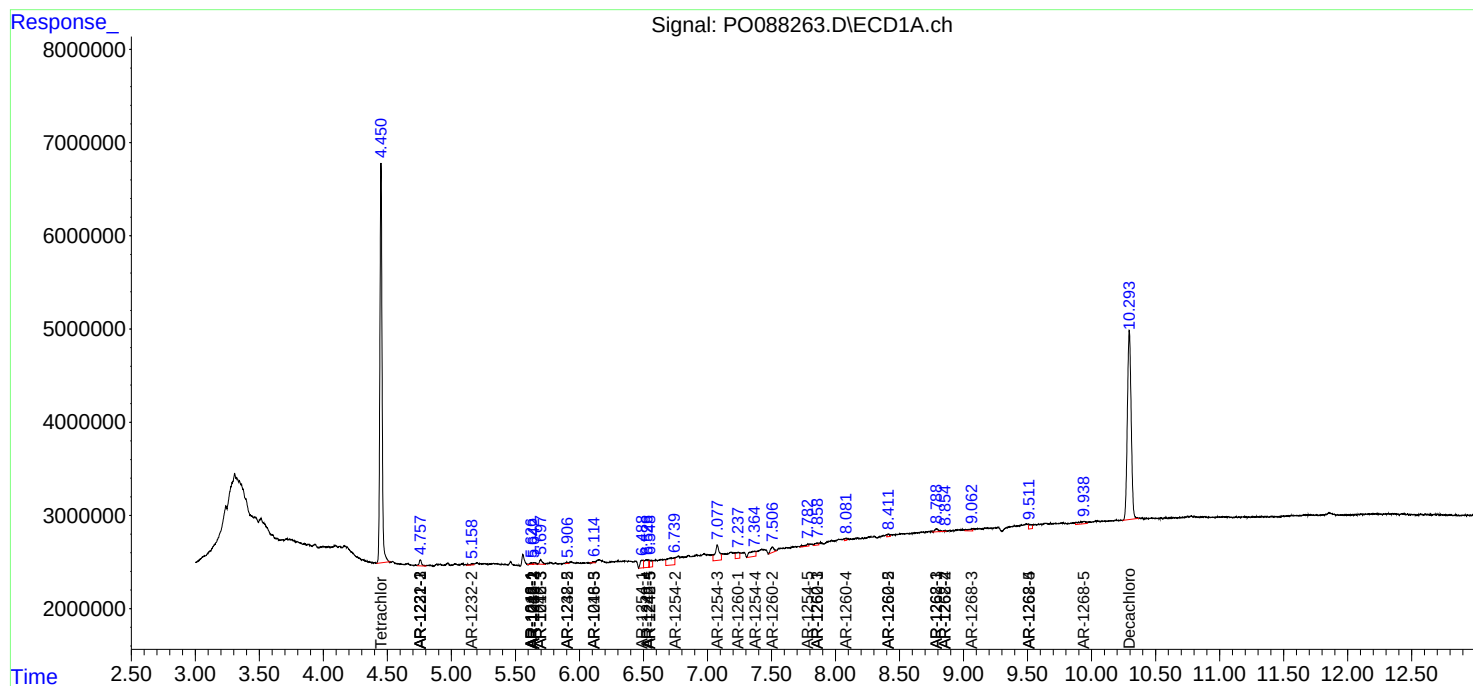
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

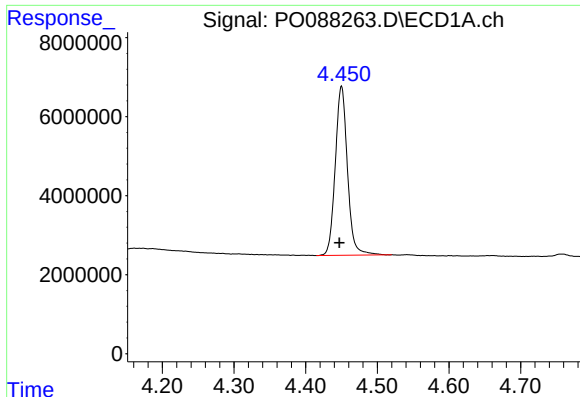
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

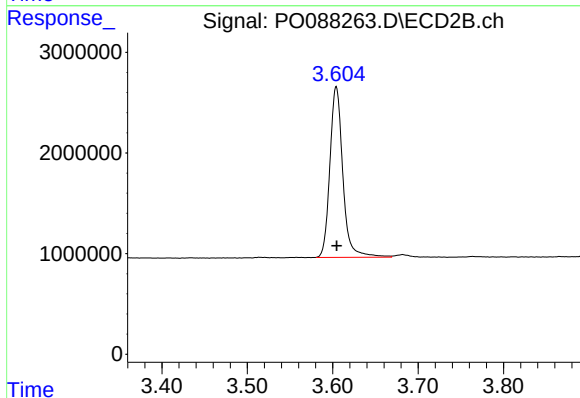




#1 Tetrachloro-m-xylene

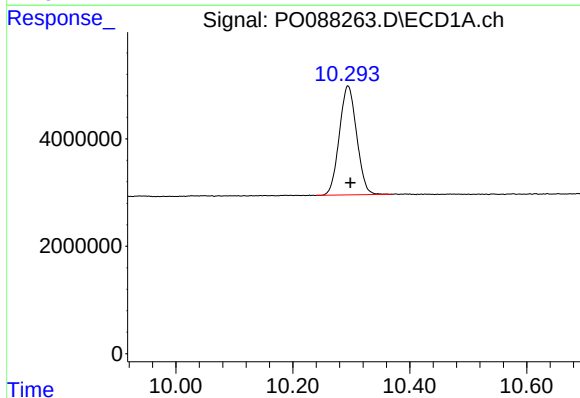
R.T.: 4.450 min
Delta R.T.: 0.003 min
Response: 50504094
Conc: 19.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



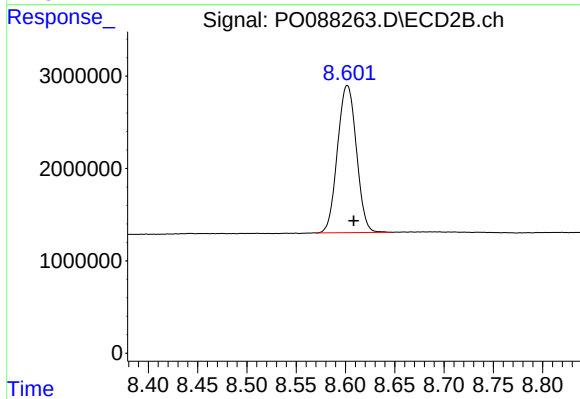
#1 Tetrachloro-m-xylene

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 17903659
Conc: 18.98 ng/ml



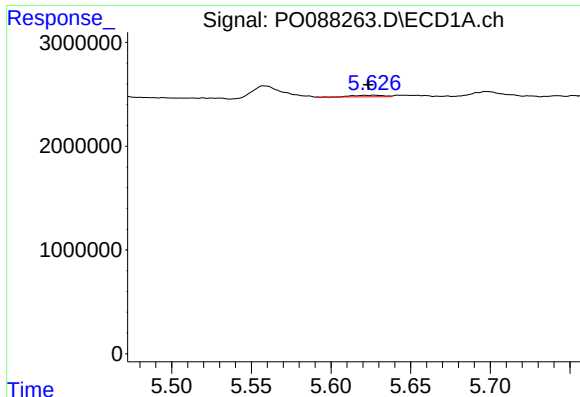
#2 Decachlorobiphenyl

R.T.: 10.294 min
Delta R.T.: -0.004 min
Response: 41702223
Conc: 19.64 ng/ml



#2 Decachlorobiphenyl

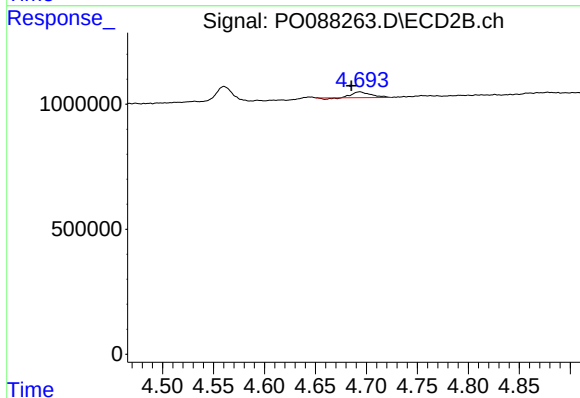
R.T.: 8.602 min
Delta R.T.: -0.007 min
Response: 21281677
Conc: 20.36 ng/ml



#3 AR-1016-1

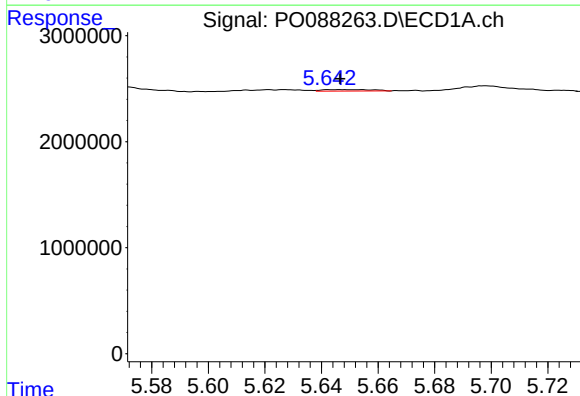
R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 200862
Conc: 2.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



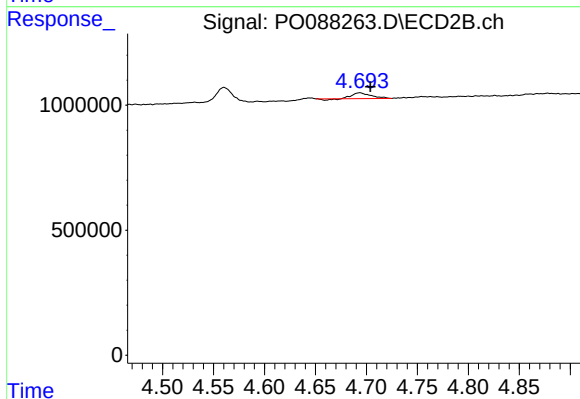
#3 AR-1016-1

R.T.: 4.693 min
Delta R.T.: 0.008 min
Response: 265496
Conc: 7.38 ng/ml



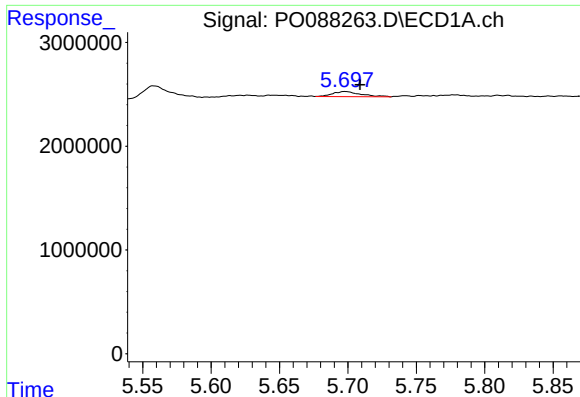
#4 AR-1016-2

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 168899
Conc: 1.35 ng/ml



#4 AR-1016-2

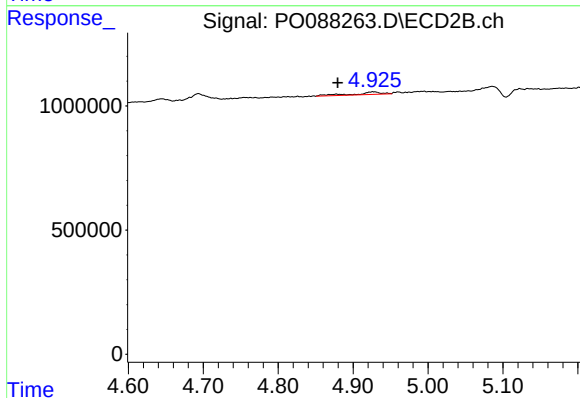
R.T.: 4.693 min
Delta R.T.: -0.011 min
Response: 265496
Conc: 5.20 ng/ml



#5 AR-1016-3

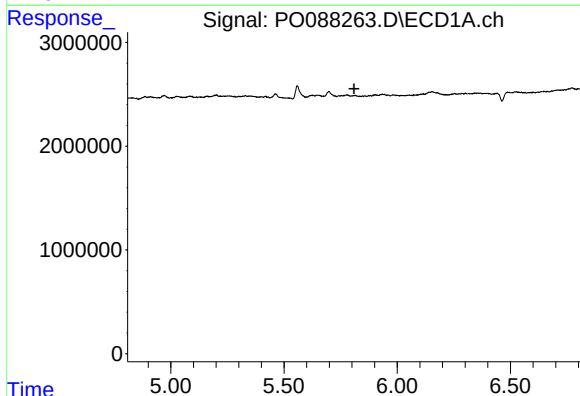
R.T.: 5.698 min
Delta R.T.: -0.011 min
Response: 710693
Conc: 9.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



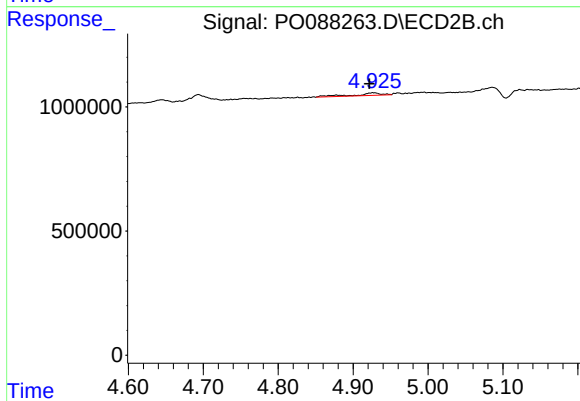
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: 0.047 min
Response: 256354
Conc: 9.23 ng/ml



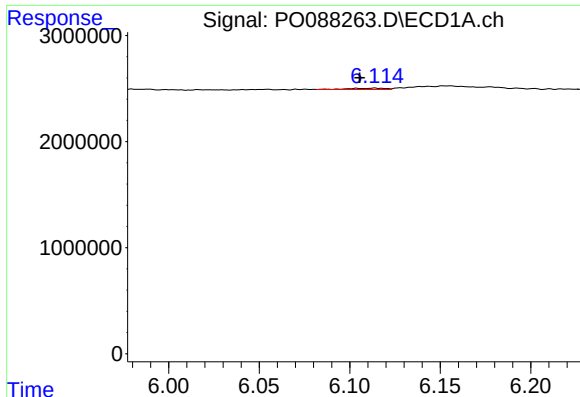
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.809 min
Response: 0
Conc: N.D.



#6 AR-1016-4

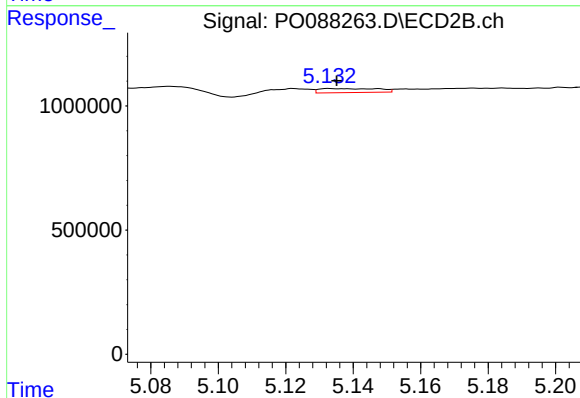
R.T.: 4.926 min
Delta R.T.: 0.004 min
Response: 256354
Conc: 11.02 ng/ml



#7 AR-1016-5

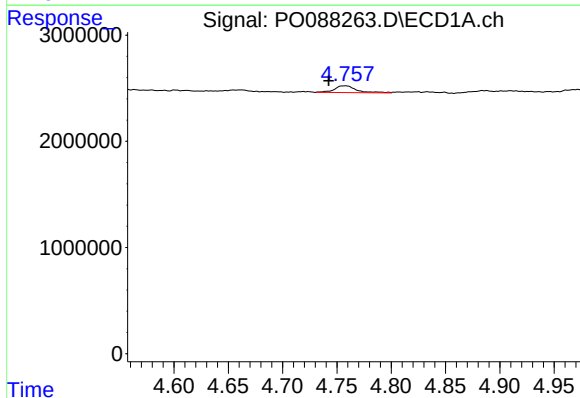
R.T.: 6.114 min
Delta R.T.: 0.008 min
Response: 160793
Conc: 2.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



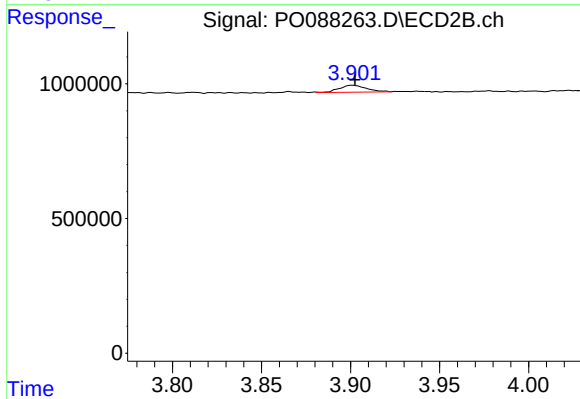
#7 AR-1016-5

R.T.: 5.133 min
Delta R.T.: -0.002 min
Response: 200498
Conc: 6.77 ng/ml



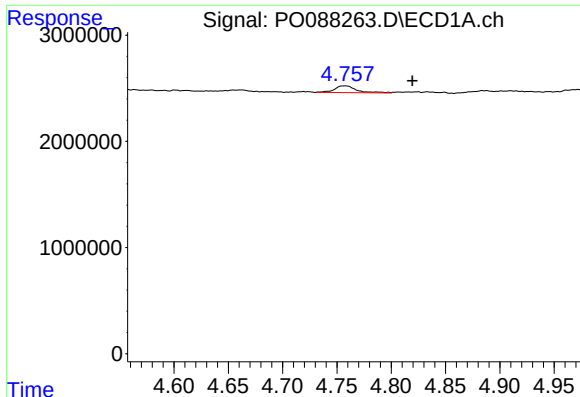
#9 AR-1221-2

R.T.: 4.757 min
Delta R.T.: 0.015 min
Response: 912957
Conc: 41.19 ng/ml



#9 AR-1221-2

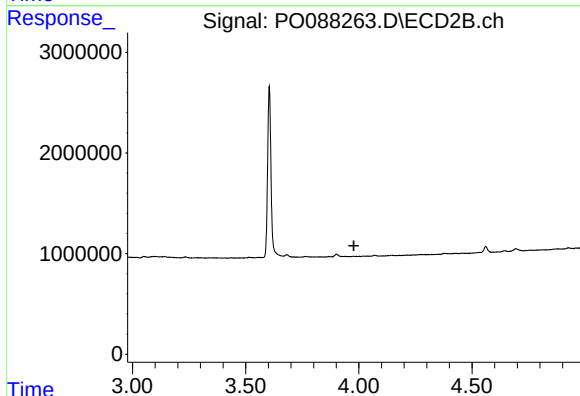
R.T.: 3.901 min
Delta R.T.: -0.002 min
Response: 269032
Conc: 33.92 ng/ml



#10 AR-1221-3

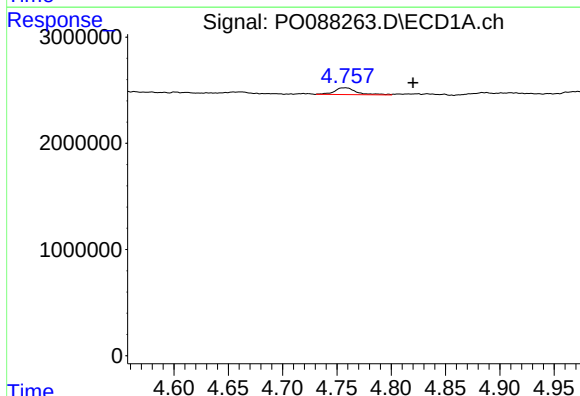
R.T.: 4.757 min
Delta R.T.: -0.062 min
Response: 912957
Conc: 13.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



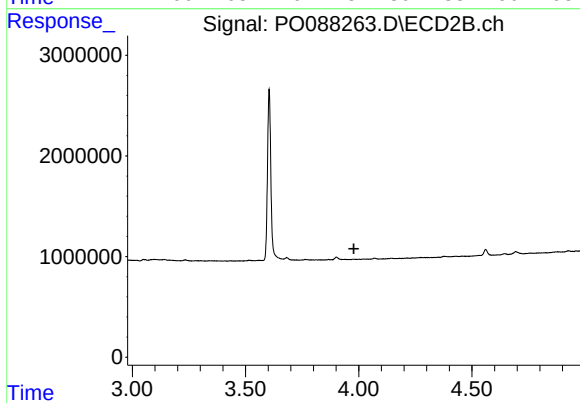
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.978 min
Response: 0
Conc: N.D.



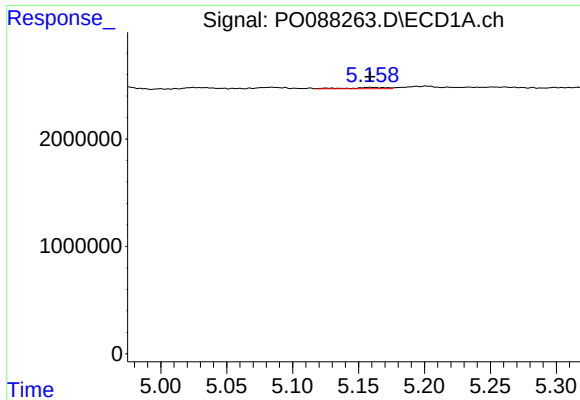
#11 AR-1232-1

R.T.: 4.757 min
Delta R.T.: -0.063 min
Response: 912957
Conc: 17.57 ng/ml



#11 AR-1232-1

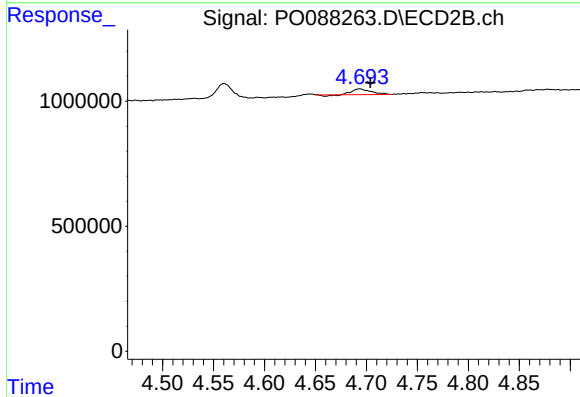
R.T.: 0.000 min
Exp R.T. : 3.978 min
Response: 0
Conc: N.D.



#12 AR-1232-2

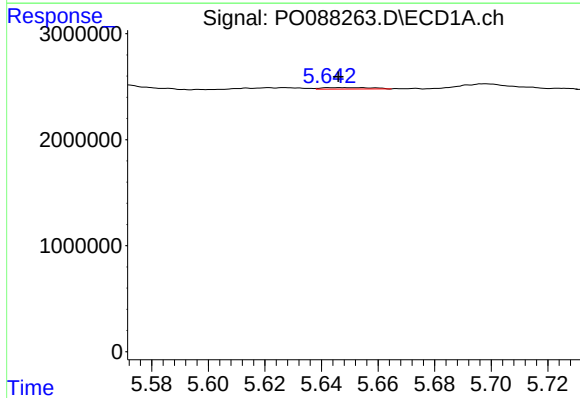
R.T.: 5.158 min
Delta R.T.: 0.000 min
Response: 232465
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



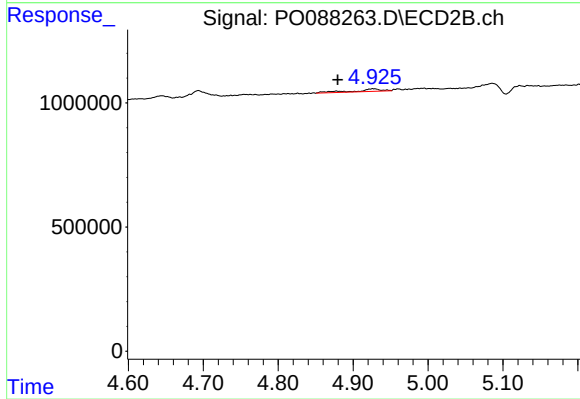
#12 AR-1232-2

R.T.: 4.693 min
Delta R.T.: -0.011 min
Response: 265496
Conc: 13.46 ng/ml



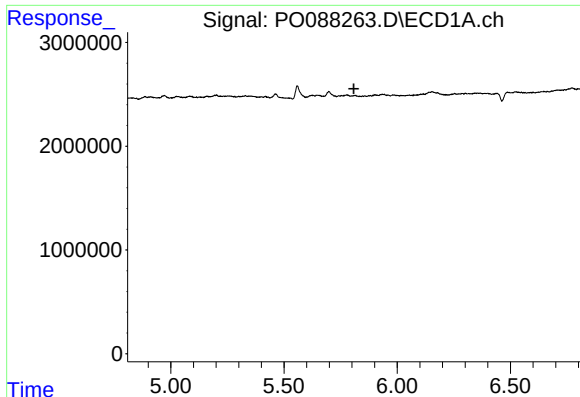
#13 AR-1232-3

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 168899
Conc: 3.51 ng/ml



#13 AR-1232-3

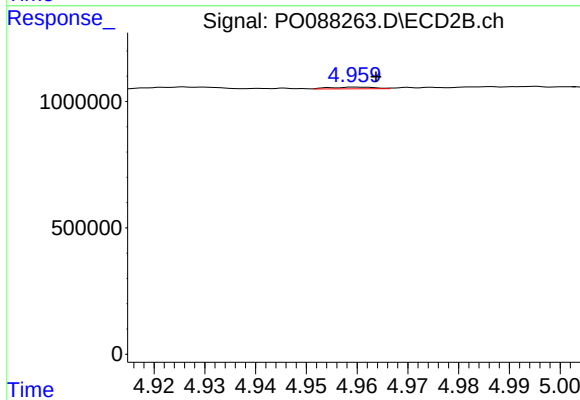
R.T.: 4.926 min
Delta R.T.: 0.047 min
Response: 256354
Conc: 25.18 ng/ml



#14 AR-1232-4

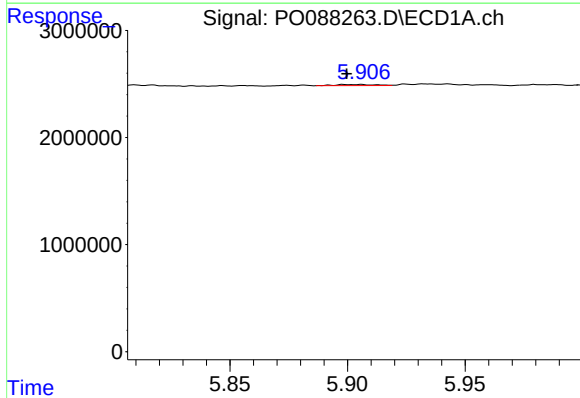
R.T.: 0.000 min
Exp R.T.: 5.809 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



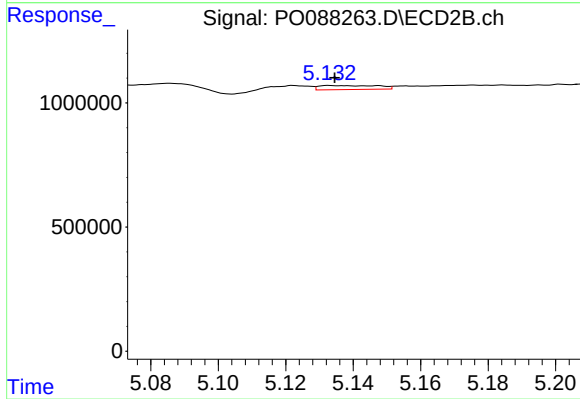
#14 AR-1232-4

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 40319
Conc: 4.15 ng/ml



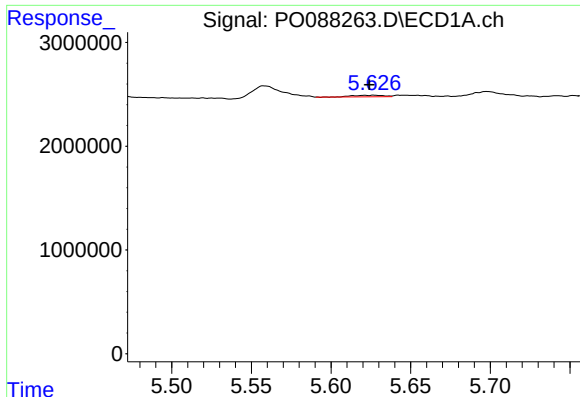
#15 AR-1232-5

R.T.: 5.906 min
Delta R.T.: 0.006 min
Response: 116236
Conc: 5.98 ng/ml



#15 AR-1232-5

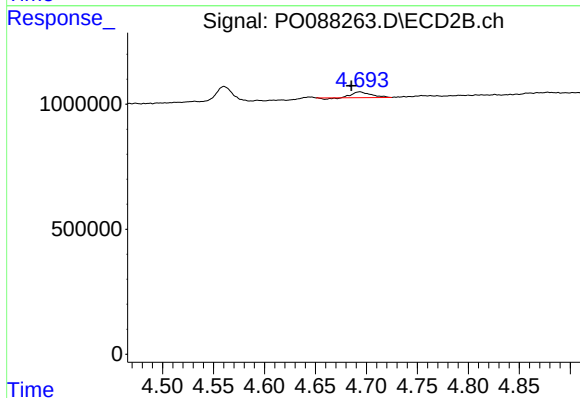
R.T.: 5.133 min
Delta R.T.: -0.001 min
Response: 200498
Conc: 18.43 ng/ml



#16 AR-1242-1

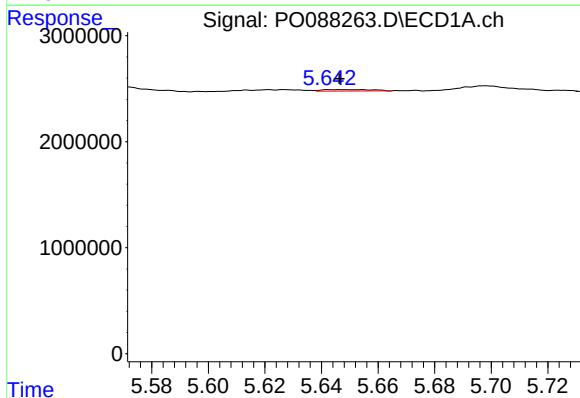
R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 200862
Conc: 2.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



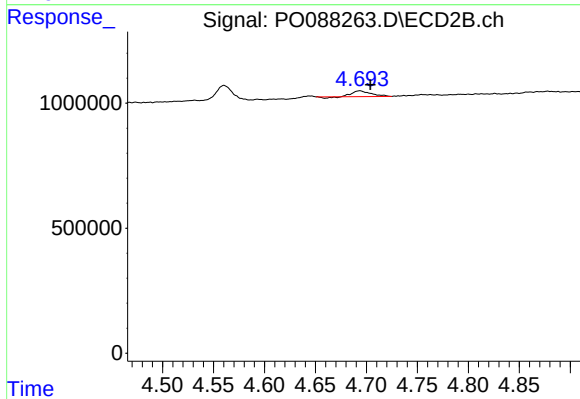
#16 AR-1242-1

R.T.: 4.693 min
Delta R.T.: 0.008 min
Response: 265496
Conc: 9.13 ng/ml



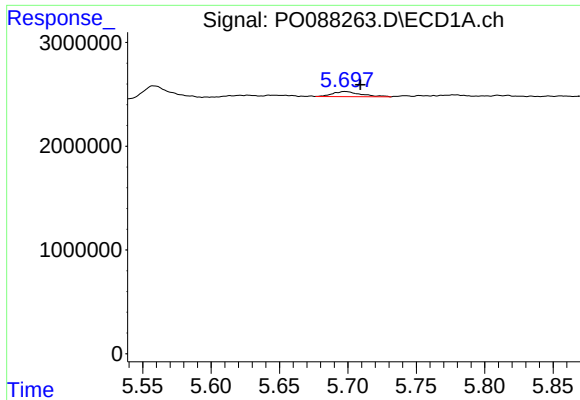
#17 AR-1242-2

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 168899
Conc: 1.74 ng/ml



#17 AR-1242-2

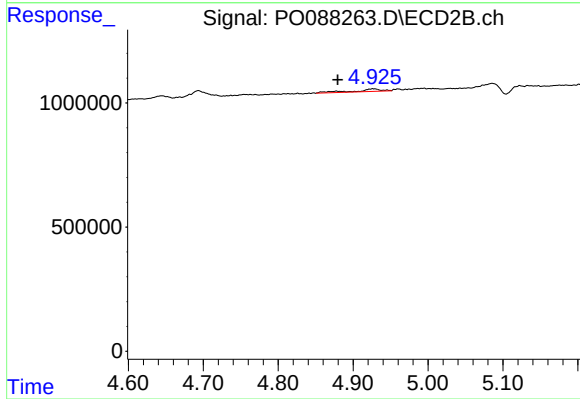
R.T.: 4.693 min
Delta R.T.: -0.010 min
Response: 265496
Conc: 6.56 ng/ml



#18 AR-1242-3

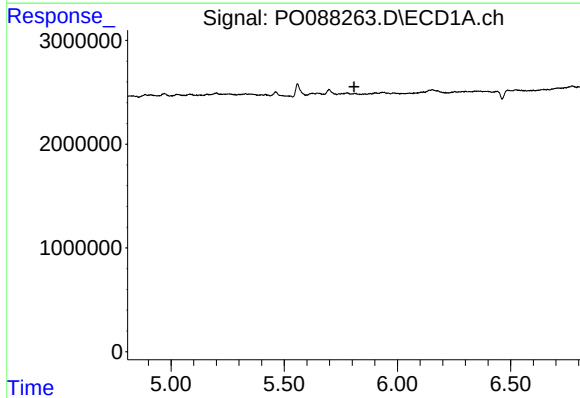
R.T.: 5.698 min
Delta R.T.: -0.011 min
Response: 710693
Conc: 11.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



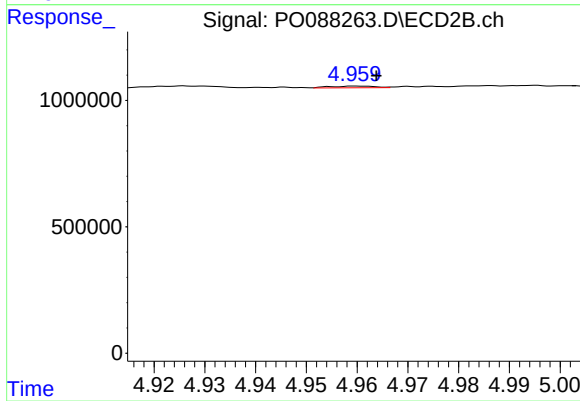
#18 AR-1242-3

R.T.: 4.926 min
Delta R.T.: 0.047 min
Response: 256354
Conc: 11.60 ng/ml



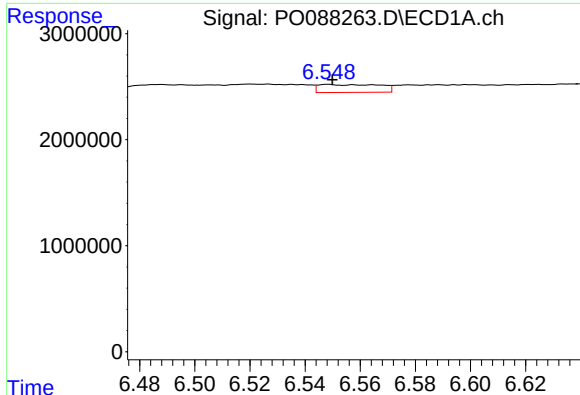
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.808 min
Response: 0
Conc: N.D.



#19 AR-1242-4

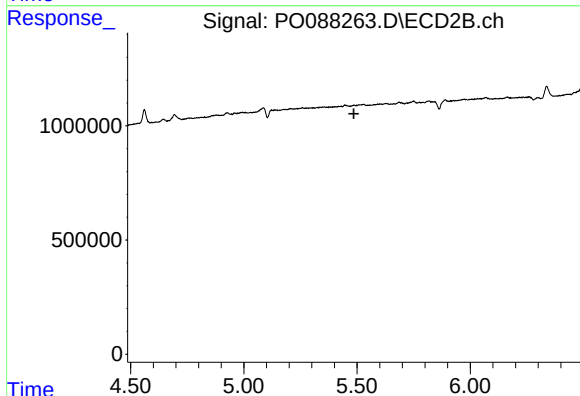
R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 40319
Conc: 1.72 ng/ml



#20 AR-1242-5

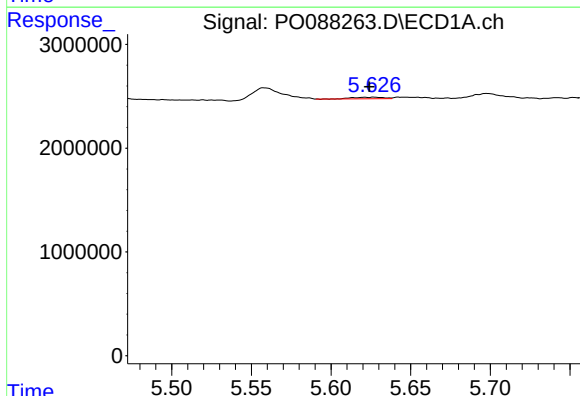
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 1144513
Conc: 21.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



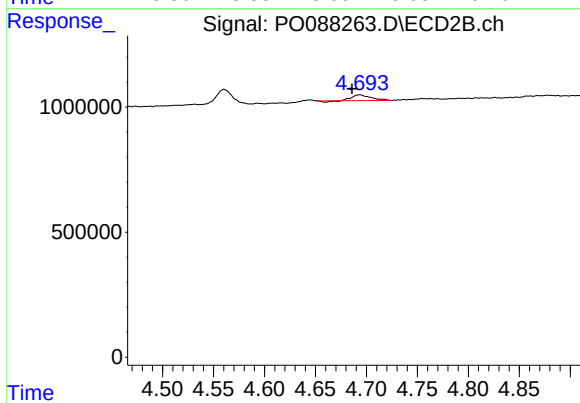
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.



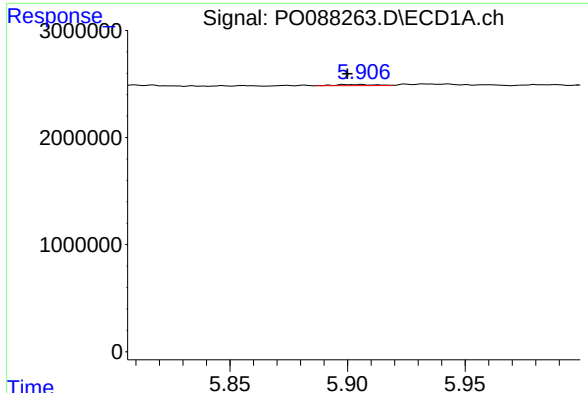
#21 AR-1248-1

R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 200862
Conc: 3.76 ng/ml



#21 AR-1248-1

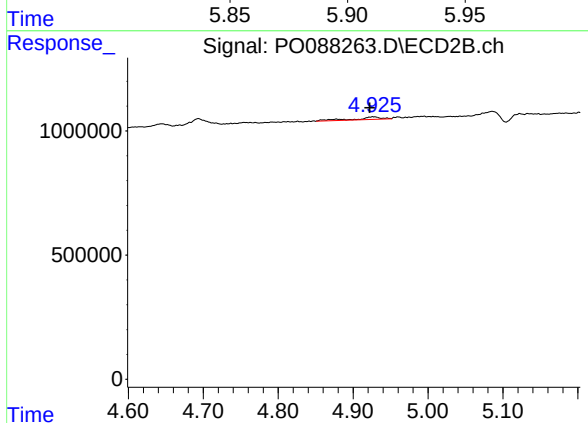
R.T.: 4.693 min
Delta R.T.: 0.008 min
Response: 265496
Conc: 11.59 ng/ml



#22 AR-1248-2

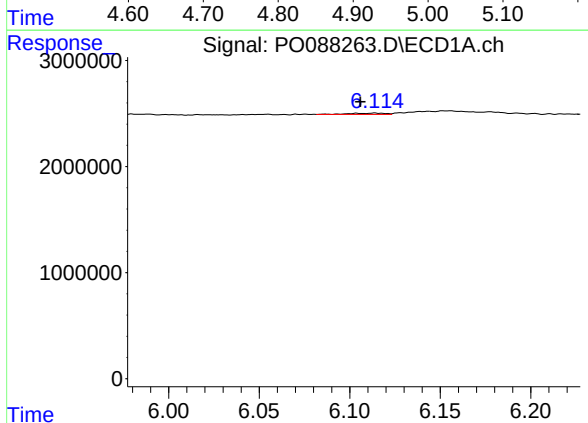
R.T.: 5.906 min
Delta R.T.: 0.006 min
Response: 116236
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



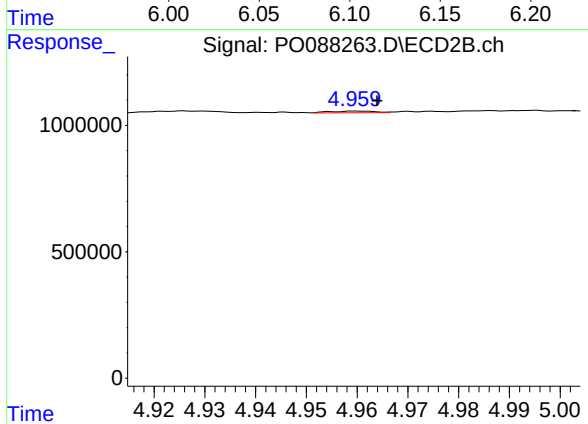
#22 AR-1248-2

R.T.: 4.926 min
Delta R.T.: 0.004 min
Response: 256354
Conc: 7.60 ng/ml



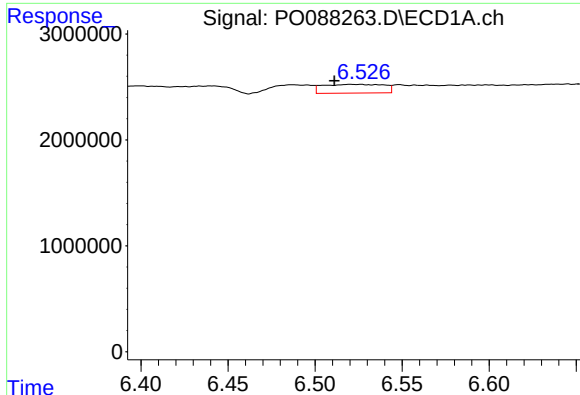
#23 AR-1248-3

R.T.: 6.114 min
Delta R.T.: 0.008 min
Response: 160793
Conc: 1.92 ng/ml



#23 AR-1248-3

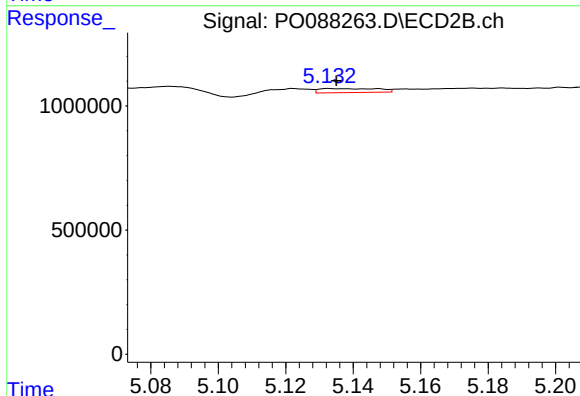
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 40319
Conc: 1.16 ng/ml



#24 AR-1248-4

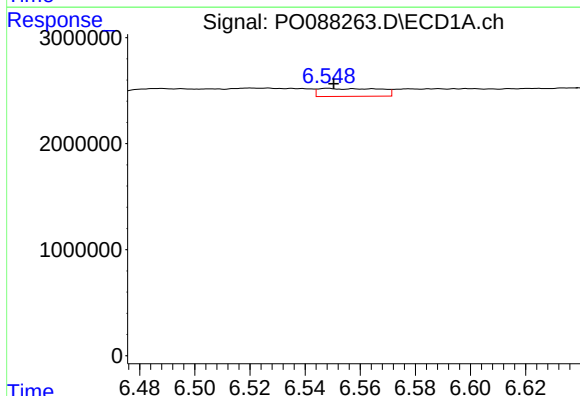
R.T.: 6.526 min
Delta R.T.: 0.015 min
Response: 2011523
Conc: 21.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



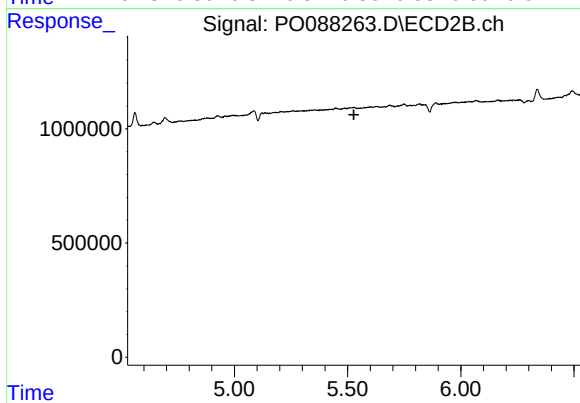
#24 AR-1248-4

R.T.: 5.133 min
Delta R.T.: -0.002 min
Response: 200498
Conc: 4.79 ng/ml



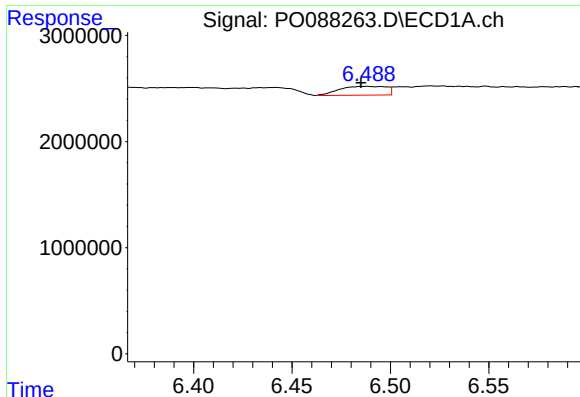
#25 AR-1248-5

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 1144513
Conc: 12.73 ng/ml



#25 AR-1248-5

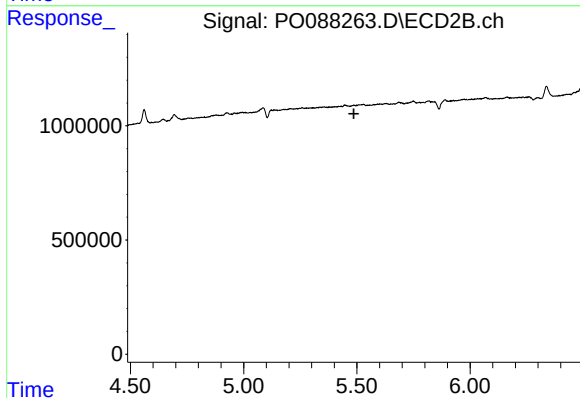
R.T.: 0.000 min
Exp R.T.: 5.527 min
Response: 0
Conc: N.D.



#26 AR-1254-1

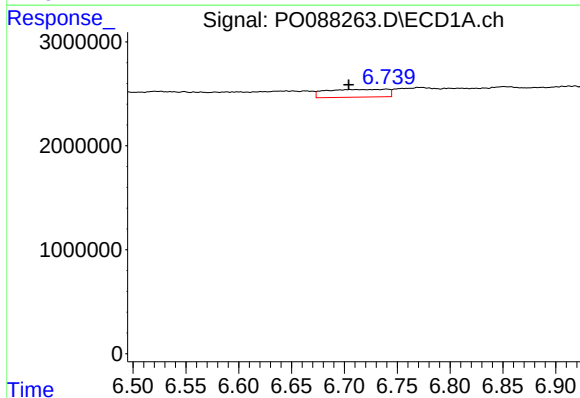
R.T.: 6.487 min
Delta R.T.: 0.002 min
Response: 1390932
Conc: 14.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



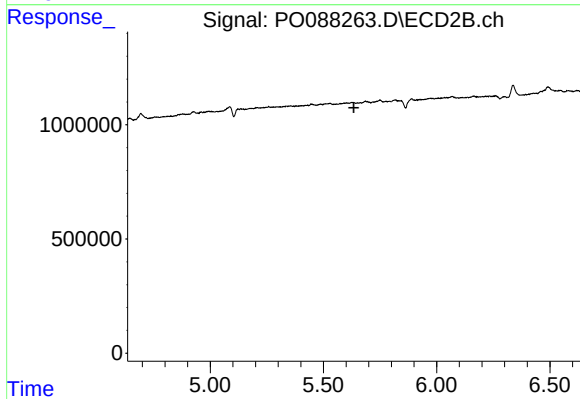
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.487 min
Response: 0
Conc: N.D.



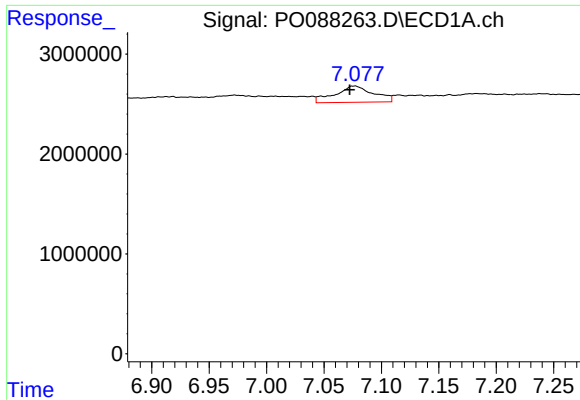
#27 AR-1254-2

R.T.: 6.740 min
Delta R.T.: 0.036 min
Response: 3018538
Conc: 21.03 ng/ml



#27 AR-1254-2

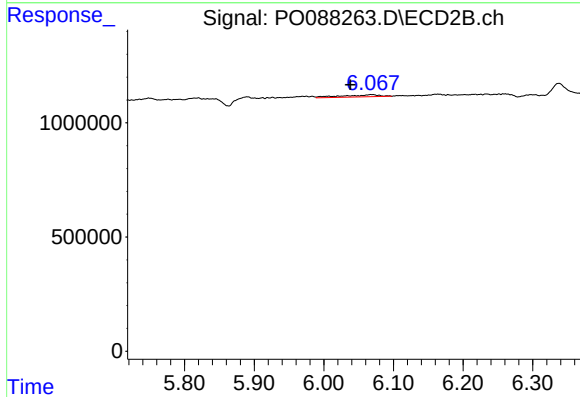
R.T.: 0.000 min
Exp R.T. : 5.635 min
Response: 0
Conc: N.D.



#28 AR-1254-3

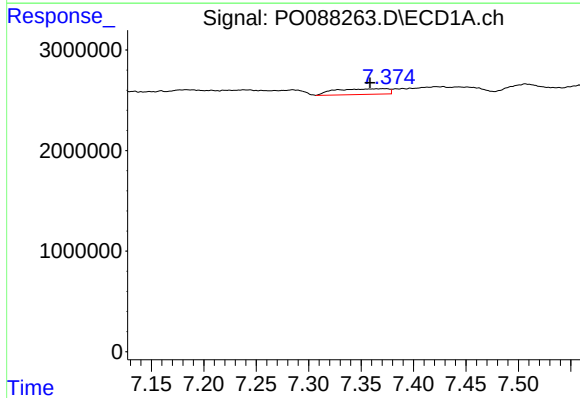
R.T.: 7.076 min
Delta R.T.: 0.004 min
Response: 3837264
Conc: 26.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



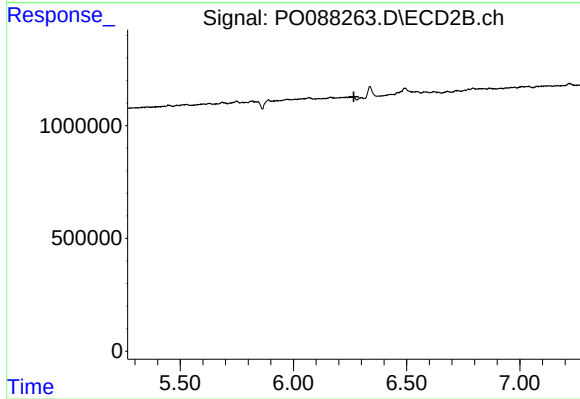
#28 AR-1254-3

R.T.: 6.069 min
Delta R.T.: 0.030 min
Response: 339967
Conc: 4.19 ng/ml



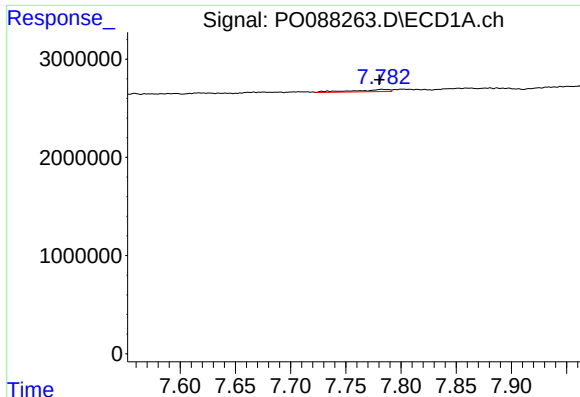
#29 AR-1254-4

R.T.: 7.373 min
Delta R.T.: 0.014 min
Response: 1951089
Conc: 18.03 ng/ml



#29 AR-1254-4

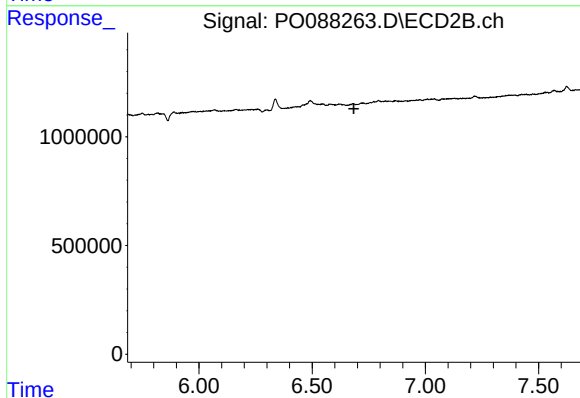
R.T.: 0.000 min
Exp R.T. : 6.266 min
Response: 0
Conc: N.D.



#30 AR-1254-5

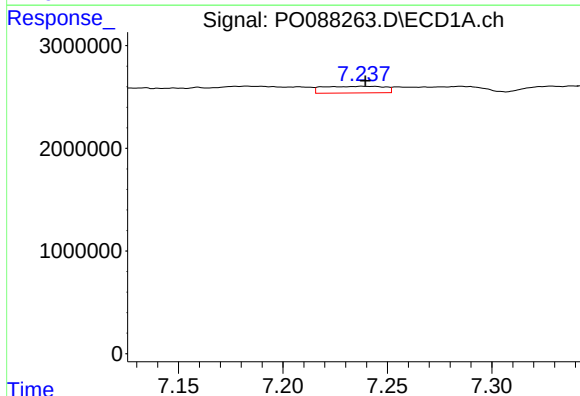
R.T.: 7.783 min
Delta R.T.: 0.003 min
Response: 494667
Conc: 4.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



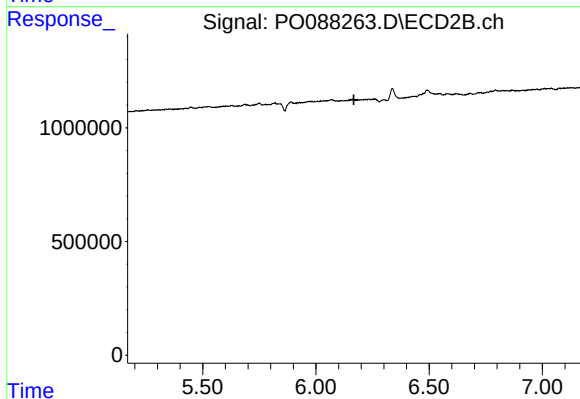
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.684 min
Response: 0
Conc: N.D.



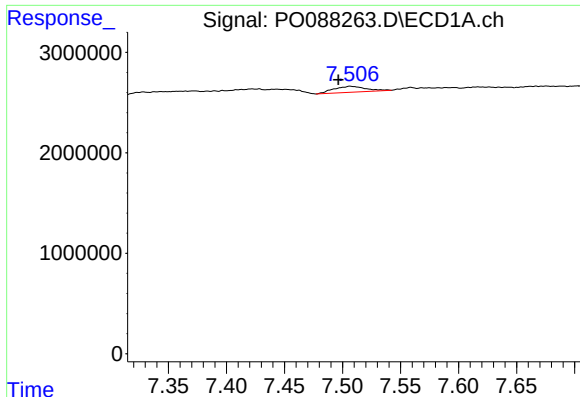
#31 AR-1260-1

R.T.: 7.238 min
Delta R.T.: -0.001 min
Response: 1329548
Conc: 11.43 ng/ml



#31 AR-1260-1

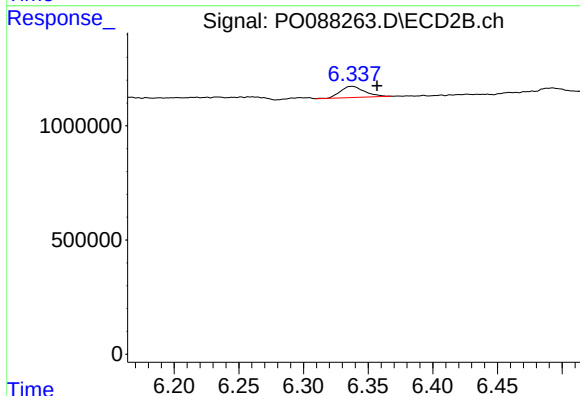
R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



#32 AR-1260-2

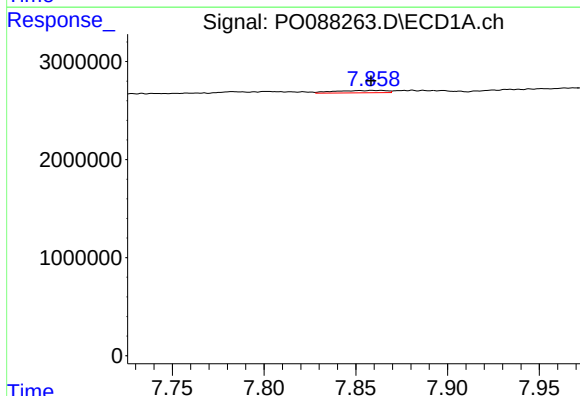
R.T.: 7.507 min
Delta R.T.: 0.010 min
Response: 1130493
Conc: 8.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



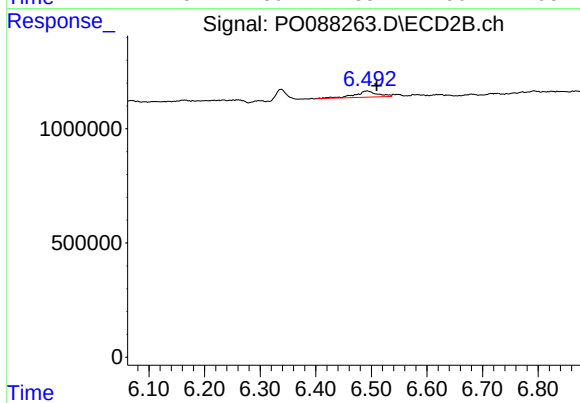
#32 AR-1260-2

R.T.: 6.337 min
Delta R.T.: -0.020 min
Response: 636917
Conc: 9.81 ng/ml



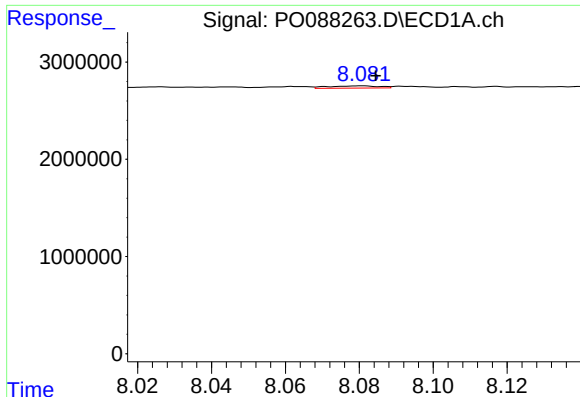
#33 AR-1260-3

R.T.: 7.863 min
Delta R.T.: 0.005 min
Response: 452077
Conc: 4.94 ng/ml



#33 AR-1260-3

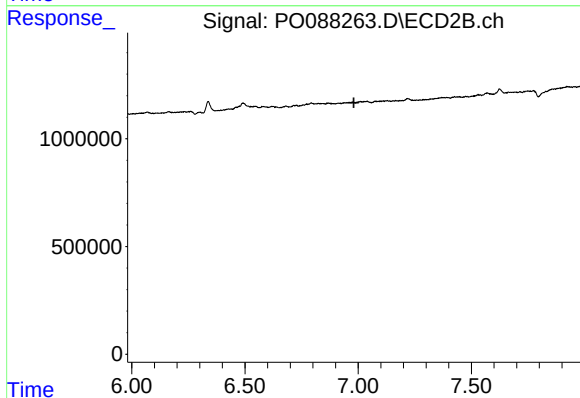
R.T.: 6.492 min
Delta R.T.: -0.017 min
Response: 752807
Conc: 12.10 ng/ml



#34 AR-1260-4

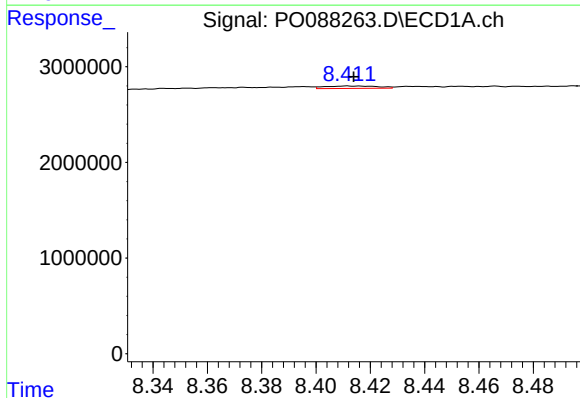
R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 219118
Conc: 2.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



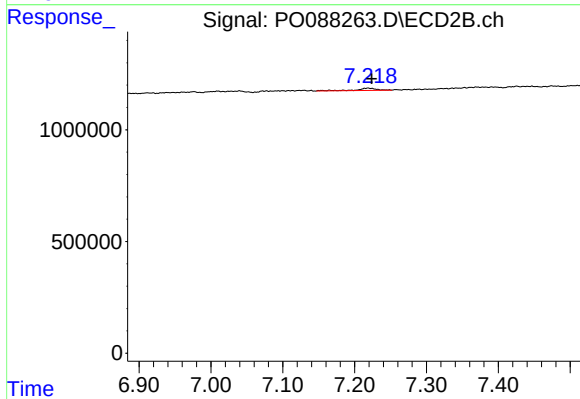
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.981 min
Response: 0
Conc: N.D.



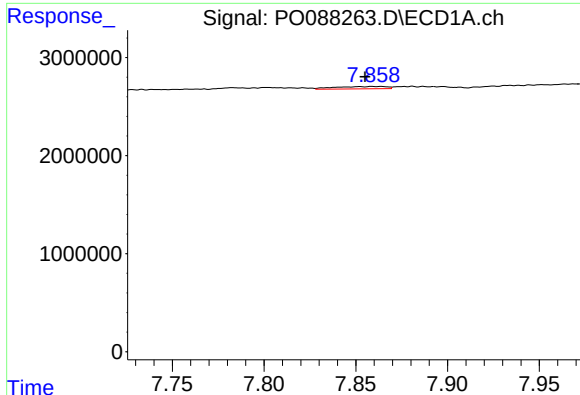
#35 AR-1260-5

R.T.: 8.412 min
Delta R.T.: -0.002 min
Response: 352638
Conc: 1.72 ng/ml



#35 AR-1260-5

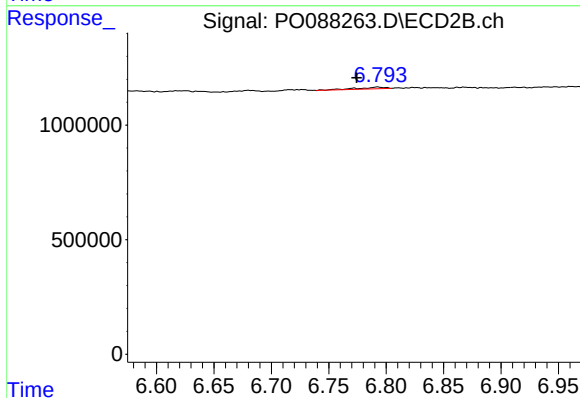
R.T.: 7.219 min
Delta R.T.: -0.005 min
Response: 202368
Conc: 1.77 ng/ml



#36 AR-1262-1

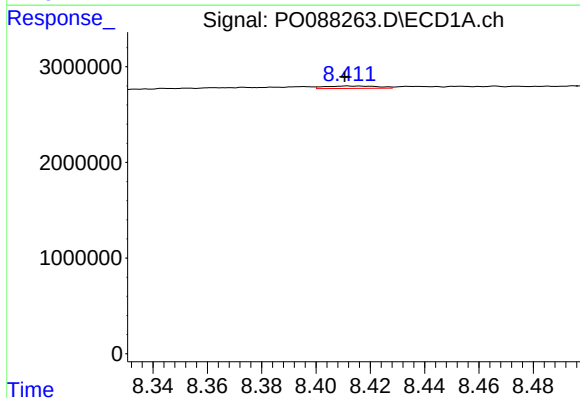
R.T.: 7.863 min
Delta R.T.: 0.008 min
Response: 452077
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



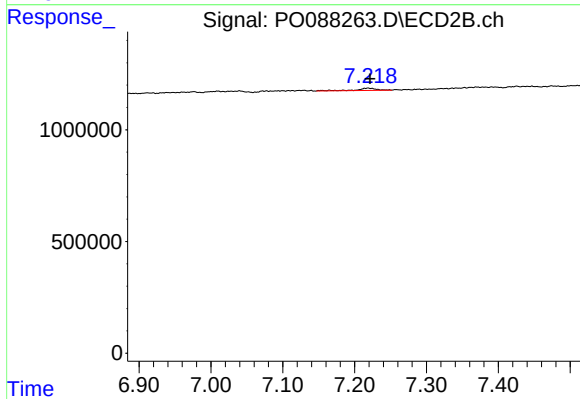
#36 AR-1262-1

R.T.: 6.793 min
Delta R.T.: 0.018 min
Response: 128096
Conc: 4.23 ng/ml



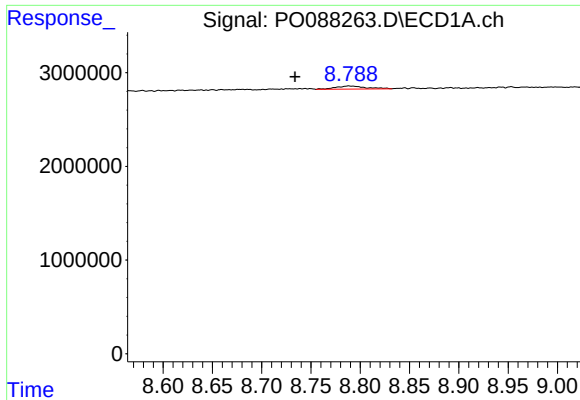
#37 AR-1262-2

R.T.: 8.412 min
Delta R.T.: 0.001 min
Response: 352638
Conc: 1.50 ng/ml



#37 AR-1262-2

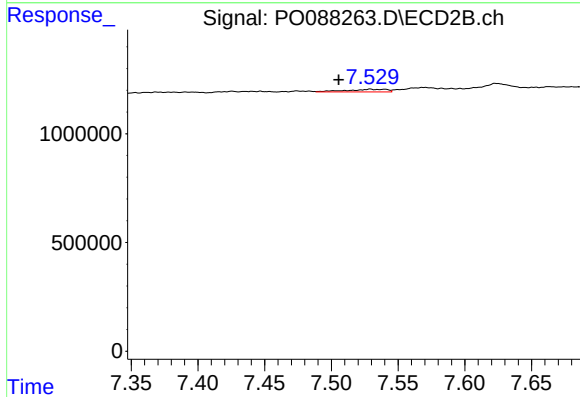
R.T.: 7.219 min
Delta R.T.: -0.003 min
Response: 202368
Conc: 1.51 ng/ml



#38 AR-1262-3

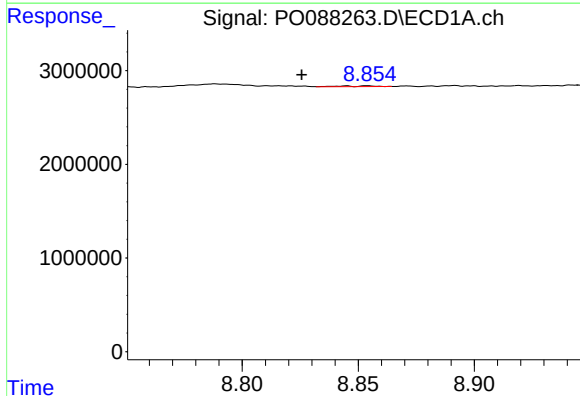
R.T.: 8.788 min
Delta R.T.: 0.054 min
Response: 709037
Conc: 4.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



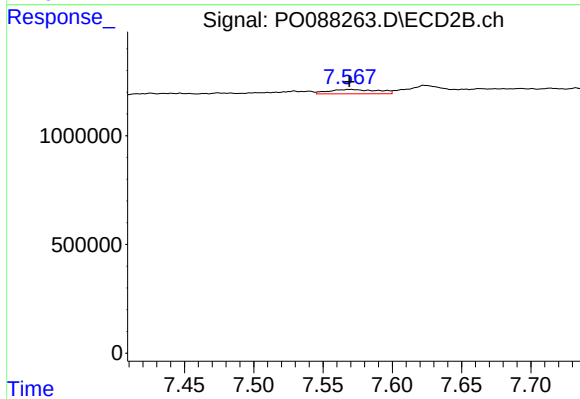
#38 AR-1262-3

R.T.: 7.529 min
Delta R.T.: 0.024 min
Response: 254310
Conc: 4.66 ng/ml



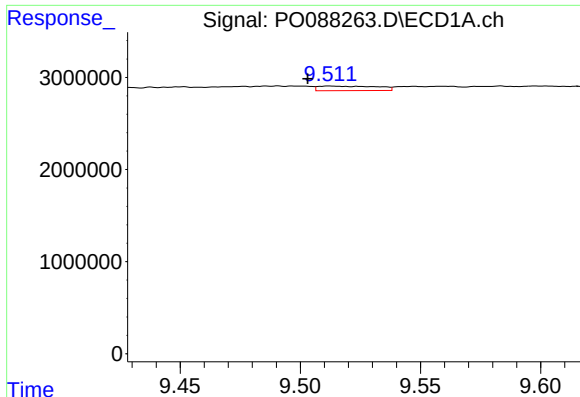
#39 AR-1262-4

R.T.: 8.854 min
Delta R.T.: 0.028 min
Response: 80741
Conc: 0.97 ng/ml



#39 AR-1262-4

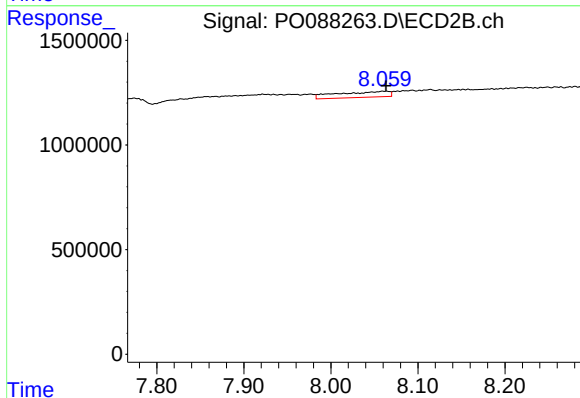
R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 495620
Conc: 4.90 ng/ml



#40 AR-1262-5

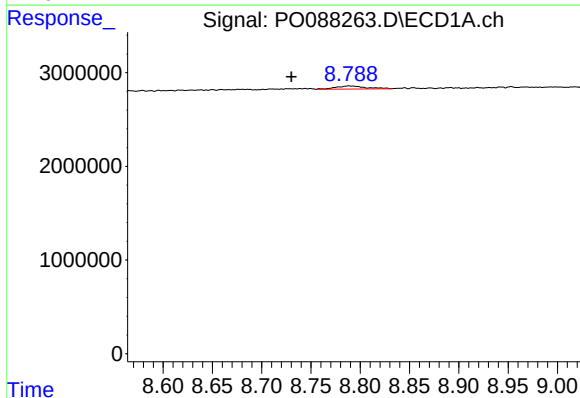
R.T.: 9.512 min
Delta R.T.: 0.009 min
Response: 854714
Conc: 9.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



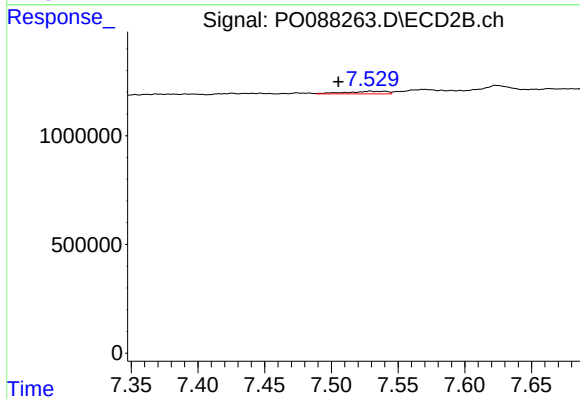
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 1158782
Conc: 23.59 ng/ml



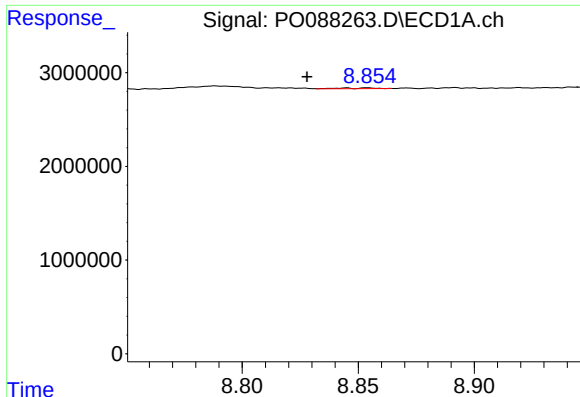
#41 AR-1268-1

R.T.: 8.788 min
Delta R.T.: 0.058 min
Response: 709037
Conc: 2.51 ng/ml



#41 AR-1268-1

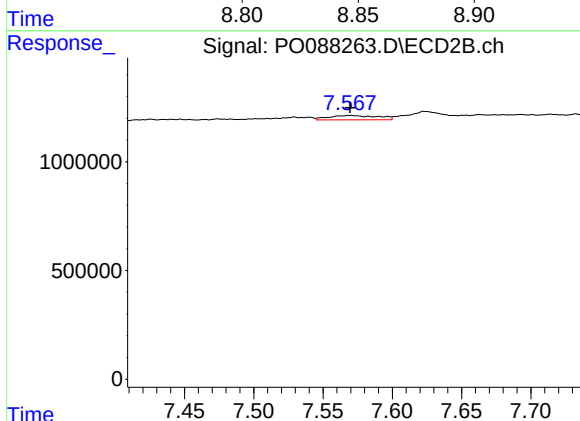
R.T.: 7.529 min
Delta R.T.: 0.024 min
Response: 254310
Conc: 1.61 ng/ml



#42 AR-1268-2

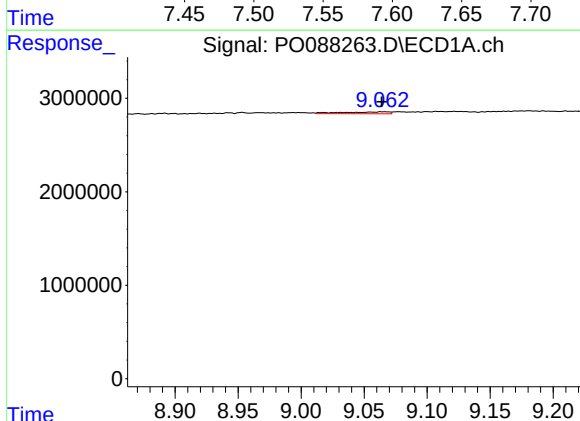
R.T.: 8.854 min
Delta R.T.: 0.026 min
Response: 80741
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



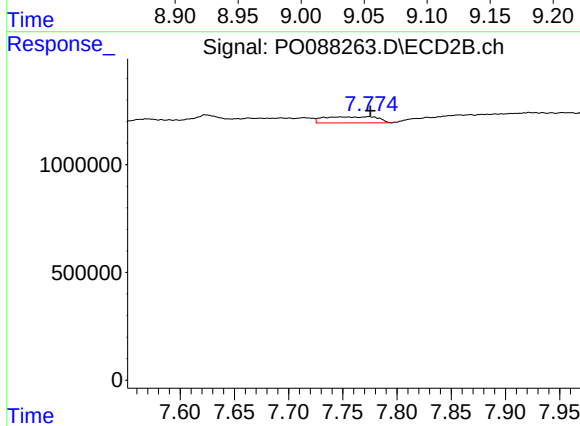
#42 AR-1268-2

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 495620
Conc: 3.45 ng/ml



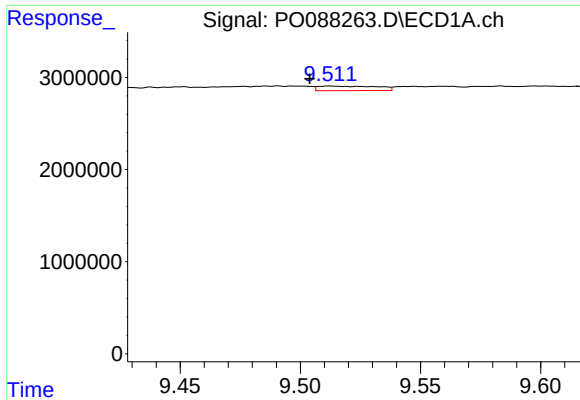
#43 AR-1268-3

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 549359
Conc: 2.45 ng/ml



#43 AR-1268-3

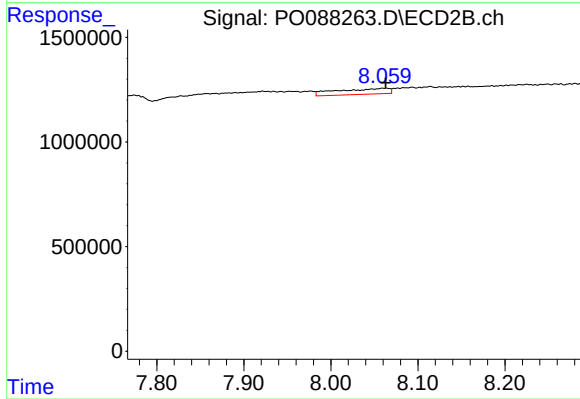
R.T.: 7.774 min
Delta R.T.: -0.002 min
Response: 983834
Conc: 7.90 ng/ml



#44 AR-1268-4

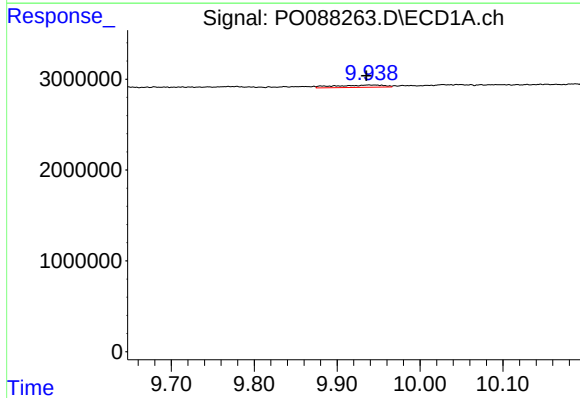
R.T.: 9.512 min
Delta R.T.: 0.008 min
Response: 854714
Conc: 8.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



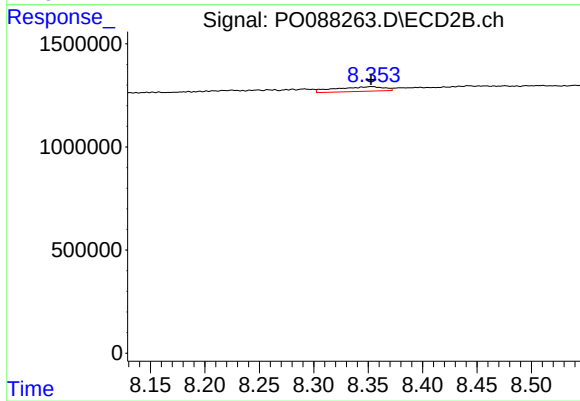
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 1158782
Conc: 21.60 ng/ml



#45 AR-1268-5

R.T.: 9.938 min
Delta R.T.: 0.003 min
Response: 1042033
Conc: 1.43 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 705271
Conc: 1.82 ng/ml